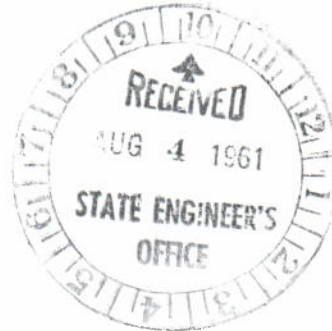




THE STATE OF UTAH  
OFFICE OF STATE ENGINEER

WAYNE D. CRIDDLE  
STATE ENGINEER

~~SALT LAKE CITY~~  
Cedar City, Utah  
August 3, 1961



Mr. Donald C. Norseth  
Distribution Engineer  
State Engineer's Office  
403 State Capitol Bldg.  
Salt Lake City 14, Utah

Dear Don:

RE: Inventory of East Fork of Virgin River

The following is a report of an inspection of the inventory on the East Fork of the Virgin River made by myself, Dee Hansen, and Charles Hepworth, Water Commissioner.

Heaton Ranch -

I could not acquire any further information as to a basis of water right. Everything else is in order as to measuring devices and diversion structures.

Whit and Merrill McDonald - Award #5 a,b,c

After talking with Mr. Hepworth, we want to suggest that 6-inch Parshall flumes be installed on this ranch. The reason is, because the McDonald Ranch, the Major Ranch, and The Duncan McDonald Ranch use their water together on turns. As a result 6-inch Parshall flumes are needed.

Major Ranch -

We want to suggest 6-inch Parshall flumes be installed for the same reasons mentioned above. We found an additional old ditch, but it has not been used for many years. I instructed Mr. Hepworth that we wouldn't require structures on this ditch at the present time, but if Major wants to use it in the future, a headgate and a Parshall flume should be installed before delivery of any water.

Duncan McDonald Ranch - Award #8 a,b

We want to suggest 6-inch Parshall flumes be installed for the same reason mentioned in the preceeding two awards. Everything else is in order.

Howard Spencer Ranch - Award #10 a,b

As stated on the inventory, evaluate after completion of the new Highway.

Henry Carroll Ranch - Award #11b,c

Mr. Carroll attempted to fix his Parshall flume, but it was still odd-sized when we checked the flume. It should be repaired or replaced.

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Lyle Chamberlain Ranch - Award 12 a,b

We want to recommend a Parshall flume for award 12 a from the East Fork of Virgin River. This right is used in turns with Award 11 b,c of Henry Carroll's, and Award 13 a of John W. Hopkins. As a result a 6-inch Parshall flume will be needed. Also, another right on Chamberlain Springs has entered the scene. Mr. Hepworth allows Mr. Chamberlain to run this right into the creek below his ranch, and allows him to divert that amount from the creek above the ranch. Since the road was built Mr. Chamberlain cannot get the spring water on his ranch, but in the future he is going to try to put it on his ranch. Since there is an exchange of water, I feel Mr. Chamberlain should install a 3-inch Parshall flume on the spring stream near the river to measure the amount of water to be exchanged.

John W. Hopkins (Carpenter) Ranch - Award #13a

A 6-inch Parshall flume will be required on this diversion, because of the water being used on turns. Mr. Hepworth talked with C. W. Brinkerhoff, the Leasee and he said he was going to install the measuring device where the ditch entered the field, and after investigation, we want to recommend that it be placed near the point of diversion. The reason is, the water would run about 1/4 mile along a side-hill before it would be measured, and the water commissioner would have a difficult time regulating the water with a 1/4 mile walk between the headgate and the measuring device.

Glendale Irrigation Co.- Award #17 a,b

Everything is in order on the inventory. They are going to have the S.C.S. help them repair their Parshall flume on the East Ditch.

Orderville Irrigation Co. - Award #21 a,b

The inventory is in order on this diversion.

Mt. Carmel Irrigation Co. - Award #22 a,b

Everything is in order on the inventory. Mr. Hepworth said they were going to repair the submerged Parshall flume on the Westside ditch, but a letter would insure this repair.

If you have any questions concerning this investigation I will try to help you as much as I possibly can.

Yours truly



Earl M. Staker  
Box 347  
Cedar City, Utah

FMS:vw

Enclosure